

## FOR IMMEDIATE RELEASE

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### **Lion Precision Releases Thread Scanning Sensor for Monitoring Thread Quality**

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In response to demand for automated thread quality testing, Lion Precision has released a new series of eddy-current sensors uniquely designed for scanning individual threads in tapped holes in both ferrous and nonferrous materials. The probes feature a unique, radially-mounted sensing coil which provides sufficient resolution for detailed examination of thread quality. The system has been used in conjunction with Sciometrics analysis software to create a complete, automated, thread-quality inspection system.

In 2003, one auto engine manufacturer lost over \$1 million due to untapped holes in aluminum heads. New thread inspection systems should eliminate the problem.

Sensor output voltage is monitored as the new probes are inserted in tapped holes to continuously increasing depth until a complete scan has been captured. The probe can then be rotated axially to inspect threads at different radial locations within the hole. The sensor can also inspect external threads.

Specs:

Size:

Probe: Available in a variety of metric threaded bodies.

Electronics: DIN rail mount drivers, 75mm x 22mm x 107mm

Sensitivity: 0.5V difference between minimum and maximum diameter in nonferrous materials is typical; significantly greater in ferrous materials.

More information at [www.threadsense.com](http://www.threadsense.com)

Press-ready images available at: <http://download.lionprecision.com/pr-images>

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